

**INDIVIDUAL PROPERTY/DISTRICT
MARYLAND HISTORICAL TRUST
INTERNAL NR-ELIGIBILITY REVIEW FORM**

Property/District Name: Roxbury Road over Antietam Creek Bridge (Washington County Bridge No. W-5371) Survey Number: WA-II-119

Project: Bridge Rehabilitation Agency: FHWA/WA County Engineering

Site visit by MHT Staff: X no ___ yes Name _____ Date _____

Eligibility recommended X Eligibility **not** recommended _____

Criteria: ___A ___B XC ___D Considerations: ___A ___B ___C ___D ___E ___F ___G
___None

Justification for decision: (Use continuation sheet if necessary and attach map)

Old Roxbury Road Bridge, is a triple arch structure construct of local field stone in circa 1824. There are stone buttresses supporting each pier and the roadbed of the bridge is angled to assist with the drainage. The interior barrels of all three arches have been parged, however, the material is beginning to delaminate and efflorescence is evident. The bridge has been inventoried and included in the Maryland Inventory of Historic Properties. In addition to that survey work, the Interagency Historic Bridge Committee, made up of representatives from the Federal Highway Administration, the State Highway Administration and the Maryland Historical Trust, also evaluated the bridge for its eligibility to be included in the National Register of Historic Places. The Committee determined that the bridge is eligible for inclusion in the National Register as an example of the stone arch bridges built in Washington County between 1820 and 1840. It is the Trust's opinion that the Bridge remains **eligible** under Criterion C (engineering) for inclusion in the National Register.

Documentation on the property/district is presented in: Project Review and Compliance Files and Inventory Book

Prepared by: Anne Bruder and others

Anne E. Bruder October 17, 2000
Reviewer, Office of Preservation Services Date

NR program concurrence: X yes ___ no ___ not applicable

B. Kuntz 4/17/01
Reviewer, NR program Date

Maryland Historical Trust

Maryland Inventory of Historic Properties Number: WA-II-119

Name: Boxbury Bridge over Antietam Creek

The bridge referenced herein was inventoried by the Maryland State Highway Administration as part of the Historic Bridge Inventory, and SHA provided the Trust with eligibility determinations in February 2001. The Trust accepted the Historic Bridge Inventory on April 3, 2001. The bridged received the following determination of eligibly.

MARYLAND HISTORICAL TRUST	
Eligibility Recommended <u>X</u>	Eligibility Not Recommended _____
Criteria: <u>A</u> <u>B</u> <u>C</u> <u>D</u> Considerations: <u>A</u> <u>B</u> <u>C</u> <u>D</u> <u>E</u> <u>F</u> <u>G</u> None	
Comments: <u>2000-2001 - Wa Co. DPW doing rehabilitation. See Project Review & Compliance files.</u>	
Reviewer, OPS: <u>Anne E. Bruder</u>	Date: <u>3 April 2001</u>
Reviewer, NR Program: <u>Peter E. Kurtze</u>	Date: <u>3 April 2001</u>

gms

Maryland Inventory of Historic Properties
Historic Bridge Inventory
Maryland State Highway Administration
Maryland Historical Trust

MHT No. WA-II-119Name and SHA No. Roxbury Mill Bridge (W5371)**Location:**Street/Road Name and Number: Roxbury Road over Antietam CreekCity/Town: Funkstown ☒ vicinityCounty: WashingtonOwnership: ☐ State ☒ County ☐ Municipal ☐ OtherThis bridge projects over: ☐ Road ☐ Railway ☒ Water ☐ LandIs the bridge located within a designated district: ☐ yes ☒ no☐ NR listed district ☐ NR determined eligible district☐ locally designated ☐ other

Name of District _____

Bridge Type:☐ Timber Bridge☐ Beam Bridge ☐ Truss-Covered ☐ Trestle ☐ Timber-and-Concrete☒ Stone Arch☐ Metal Truss Bridge☐ Movable Bridge☐ Swing ☐ Bascule Single Leaf ☐ Bascule Multiple Leaf☐ Vertical Lift ☐ Retractable ☐ Pontoon☐ Metal Girder☐ Rolled Girder ☐ Rolled Girder Concrete Encased☐ Plate Girder ☐ Plate Girder Concrete Encased☐ Metal Suspension☐ Metal Arch☐ Metal Cantilever☐ Concrete☐ Concrete Arch ☐ Concrete Slab ☐ Concrete Beam ☐ Rigid Frame☐ Other Type Name _____

Description:**Describe Setting:**

Roxbury Mill Bridge carries Roxbury Road, running northwest-southeast, over Antietam Creek, flowing northeast-southwest. Its name derives from the Roxbury Mills, which were located to the south and west of the bridge. Ruins of two stone structures associated with this complex are situated along the west bank of Antietam Creek on both sides of Roxbury Road (Maryland Historical Trust site WA-II-134; Maryland archaeological site 18-WA-307). On the south side of the road are the partially extant walls of a multiple-story building thought to be a large dwelling or a hotel. To the north of the road is the foundation and western wall of a large structure believed to be the Roxbury Distillery. Its associated stone-lined raceway lies to the rear of this building.

**Describe Superstructure and Substructure:
 (Discuss points identified in Context Addendum, Section C)**

This three-span stone arch bridge is constructed of roughly coursed local fieldstone. It measures 169 feet in total length. Its three arches display voussoirs of carefully cut stone and exhibit no apparent keystone. The center arch is 33 feet wide and the flanking arches are each 27 feet wide. Piers on both sides of the bridge have a rounded shape. The wing walls on either end flare slightly from the line of the bridge. The roadway measures 15 feet, 9 inches in width and supports a single lane of traffic.

Discuss major alterations:

While no major modifications have been performed at this bridge, it does exhibit concrete capped walls, concrete application on the barrels of the arches, and modern repointing.

History:**When Built:** 1824**Why Built:** *unknown***Who Built:** *Silas Harry or James Lloyd (discrepancy)***Who Designed:** *unknown***Why Altered:** *stabilization of structure***Was this bridge built as part of an organized bridge building campaign:** *no***Surveyor Analysis:****This bridge may have NR significance for association with:**☒ A Events ☐ B Person☒ C Engineering/Architectural Character

Was the bridge constructed in response to significant events in Maryland or local history?

As with many stone arch bridges in Washington County, Roxbury Mill Bridge was erected near the site of a mill, in this case Roxbury Mill, also known as Shafer's Mill, which operated during the late 18th and 19th centuries. Milling and agriculture were the primary industries of the county. A large number of mills were built along significant waterways such as Antietam Creek and Conococheague Creek, as well as near smaller tributaries. Many of the region's major roadways led to and serviced these mill sites, which also served as centers for trade and social meetings. Bridges such as Roxbury Mill Bridge facilitated travel to and from these mills.

When the bridge was built and/or given a major alteration, did it have a significant impact on the growth and development of the area?

With its key position in proximity to a mill, Roxbury Mill Bridge played an important role in stimulating transportation and commerce throughout the area. Its presence helped promote growth and development on both a local and regional level.

Is the bridge located in an area which may be eligible for historic designation and would the bridge add to or detract from the historic and visual character of the possible district?

Roxbury Mill Bridge is located in an area of high historic potential. Should this area be nominated as an historic district, the bridge would be a significant addition to both the historic and visual character of the possible district.

Is the bridge a significant example of its type?

Despite its minor modifications, Roxbury Mill Bridge is a well preserved representative example of the stone arch bridge.

Does the bridge retain integrity of the important elements described in the Context Addendum?

This bridge retains integrity of location, design, setting, materials, workmanship, feeling and association. Despite the minimal alterations discussed above, Roxbury Mill Bridge still possesses integrity of nearly all of its original components, including the stone arch rings and barrels, spandrel walls, abutments, wing walls, and piers. In general, the bridge is in good to excellent condition.

Is the bridge a significant example of the work of the manufacturer, designer, and/or engineer and why?

Sources differ as to the maker of this bridge. One reference claims that the bridge was constructed by James Lloyd, of the prominent Lloyd bridge building firm from Pennsylvania. The second credits the bridge to Silas Harry, who is known to have erected three bridges over Antietam Creek during this same year. The other two bridges are no longer standing, making the Roxbury Mill Bridge that much more significant. Regardless of the builder, however, this bridge is potentially eligible under Criterion C for its engineering character.

Should this bridge be given further study before significance analysis is made and why?

Roxbury Mill Bridge has been well documented in both written and photographic form. In 1975, it was included in a comprehensive survey of Washington County's stone arch bridges that culminated with the preparation of National Register nomination forms for the bridges. These nomination forms have never been submitted to the National Register. It is presently listed in the Maryland Historical Trust's Inventory. No further study is recommended.

Provide black and white prints and negatives and color slides of bridge, details, and setting labeled according to NR Bulletin 16A and Maryland Supplement to Bulletin 16A.

Provide a photocopy USGS map illustrating the location of the bridge.

Surveyor:

Name: Alice Crampton/Julie Abell
Organization: Parsons Engineering Science, Inc.
Address: 10521 Rosehaven Street
Fairfax, Virginia 22030-2899

Date: 11/16/94
Telephone: (703) 591-7575

MARYLAND HISTORICAL TRUST WORKSHEET

MAGI # 2266913317

NOMINATION FORM
for the
NATIONAL REGISTER OF HISTORIC PLACES, NATIONAL PARKS SERVICE

SEE INSTRUCTIONS

1. NAME				
COMMON: Roxbury Bridge				
AND/OR HISTORIC:				
2. LOCATION				
STREET AND NUMBER: Roxbury Road and Antietam Creek				
CITY OR TOWN: Funkstown vicinity				
STATE Maryland			COUNTY: Washington	
3. CLASSIFICATION				
CATEGORY (Check One)	OWNERSHIP		STATUS	ACCESSIBLE TO THE PUBLIC
<input type="checkbox"/> District <input type="checkbox"/> Building <input type="checkbox"/> Site <input checked="" type="checkbox"/> Structure <input type="checkbox"/> Object	<input checked="" type="checkbox"/> Public <input type="checkbox"/> Private <input type="checkbox"/> Both		Public Acquisition: <input type="checkbox"/> In Process <input type="checkbox"/> Being Considered	<input type="checkbox"/> Occupied <input type="checkbox"/> Unoccupied <input type="checkbox"/> Preservation work in progress
PRESENT USE (Check One or More as Appropriate)				
<input type="checkbox"/> Agricultural <input type="checkbox"/> Commercial <input type="checkbox"/> Educational <input type="checkbox"/> Entertainment	<input type="checkbox"/> Government <input type="checkbox"/> Industrial <input type="checkbox"/> Military <input type="checkbox"/> Museum	<input type="checkbox"/> Park <input type="checkbox"/> Private Residence <input type="checkbox"/> Religious <input type="checkbox"/> Scientific	<input checked="" type="checkbox"/> Transportation <input type="checkbox"/> Other (Specify) _____	<input type="checkbox"/> Comments _____ _____ _____
4. OWNER OF PROPERTY				
OWNER'S NAME: Board of County Commissioners of Washington County				
STREET AND NUMBER: Washington County Court House				
CITY OR TOWN: Hagerstown			STATE: Maryland	
5. LOCATION OF LEGAL DESCRIPTION				
COURTHOUSE, REGISTRY OF DEEDS, ETC:				
STREET AND NUMBER:				
CITY OR TOWN:			STATE:	
Title Reference of Current Deed (Book & Pg. #):				
6. REPRESENTATION IN EXISTING SURVEYS				
TITLE OF SURVEY:				
DATE OF SURVEY: <input type="checkbox"/> Federal <input type="checkbox"/> State <input type="checkbox"/> County <input type="checkbox"/> Local				
DEPOSITORY FOR SURVEY RECORDS:				
STREET AND NUMBER:				
CITY OR TOWN:			STATE:	

WA-II-119

7. DESCRIPTION

CONDITION	(Check One)					
	<input type="checkbox"/> Excellent	<input checked="" type="checkbox"/> Good	<input type="checkbox"/> Fair	<input type="checkbox"/> Deteriorated	<input type="checkbox"/> Ruins	<input type="checkbox"/> Unexposed
	(Check One)			(Check One)		
	<input checked="" type="checkbox"/> Altered < 50%	<input type="checkbox"/> Unaltered	<input type="checkbox"/> Moved	<input checked="" type="checkbox"/> Original Site		

DESCRIBE THE PRESENT AND ORIGINAL (If known) PHYSICAL APPEARANCE

Roxbury Mill bridge carries Roxbury Road across the Antietam Creek in Washington County, Maryland.

The three arched span is constructed of roughly coursed local fieldstone, with more careful stone cutting shown at the voussoirs which line the segmental arches. The center arch is the highest of the openings and is symmetrically flanked by smaller arches. The arches are supported by piers with rounded ends. The bridge walls flair obliquely near their ends and are topped with concrete ledges. The bridge shows evidence of modern repointing and the application of concrete to the inside portions of its arches.

Roxbury bridge is located near the site of Roxbury mill and distillery. The mill was in operation in the 19th century and was known as Shafer's Mill.

Local histories do not agree on the builder of this bridge. One source claims it was constructed by Silas Harry while another credits James Lloyd with its construction. Both sources agree that it was built in 1824.

Roxbury bridge appears to be in good condition.

SEE INSTRUCTIONS

1-A

B. SIGNIFICANCE

PERIOD (Check One or More as Appropriate)

- ☐ Pre-Columbian ☐ 16th Century ☐ 18th Century ☐ 20th Century
☐ 15th Century ☐ 17th Century ☒ 19th Century

SPECIFIC DATE(S) (If Applicable and Known)

1824

AREAS OF SIGNIFICANCE (Check One or More as Appropriate)

- | | | | |
|--|---|--|--|
| <input type="checkbox"/> Aboriginal | <input type="checkbox"/> Education | <input type="checkbox"/> Political | <input type="checkbox"/> Urban Planning |
| <input type="checkbox"/> Prehistoric | <input checked="" type="checkbox"/> Engineering | <input type="checkbox"/> Religion/Phi- | <input type="checkbox"/> Other (Specify) |
| <input type="checkbox"/> Historic | <input checked="" type="checkbox"/> Industry | losophy | _____ |
| <input type="checkbox"/> Agriculture | <input type="checkbox"/> Invention | <input type="checkbox"/> Science | _____ |
| <input checked="" type="checkbox"/> Architecture | <input type="checkbox"/> Landscape | <input type="checkbox"/> Sculpture | _____ |
| <input type="checkbox"/> Art | Architecture | <input type="checkbox"/> Social/Human- | _____ |
| <input checked="" type="checkbox"/> Commerce | <input type="checkbox"/> Literature | itarian | _____ |
| <input type="checkbox"/> Communications | <input type="checkbox"/> Military | <input type="checkbox"/> Theater | _____ |
| <input type="checkbox"/> Conservation | <input type="checkbox"/> Music | <input checked="" type="checkbox"/> Transportation | _____ |

STATEMENT OF SIGNIFICANCE

Roxbury bridge is significant for its architecture, for its contribution to commerce, industry and transportation in Washington County and as an example of the engineering abilities of the county's early bridge builders.

Architecturally, Roxbury bridge is an example of nearly thirty stone arched bridges and culverts (excepting those associated with the C&O Canal) still standing in Washington County. Most of these structures were built between 1820 and 1850 and appear to reflect a major trend in building with stone during the early 19th century in Washington County and the Cumberland Valley. Reportedly built in 1824, Roxbury bridge is among the earliest stone spans in the county. The oldest bridge standing in Washington County is the National Pike bridge over the Conococheague Creek which was erected in 1819. According to historians, stone bridges, because of their greater durability were used for the National Pike at the insistence of the Maryland legislature.

Roxbury bridge is important for its contribution to commerce, industry and transportation in Washington County. Like many of the county's stone bridges, it is located at the site of a mill. Milling was a major business in 18th and 19th century Washington County, causing mills to become important social as well as economic centers. Roxbury Mill, which was established by John Shafer is shown on early maps of Washington County. According to local histories, John Shafer settled in Washington County in 1772. Roxbury bridge would have facilitated the movements of goods to and from the mill and the later distillery, thus contributing to commercial growth and aiding transportation. The Roxbury mill and distillery site are described in detail in form WA-II-134.

Finally, Roxbury bridge is important as an example of the engineering abilities of the county's early bridge builders. Constructed presumably in 1824, and still in use, Roxbury bridge remains as a monument to its builder. Scharf's History of Western Maryland, states that the bridge was built by James Lloyd, member of a Pennsylvania firm. A catalog from a 1965 exhibition of photographs of stone bridges at the Washington County Museum of Fine Arts credits Silas Harry with Roxbury bridge. Other builders associated with Washington County bridges were John and George Weaver and Charles Wilson.

SEE INSTRUCTIONS

WA II-119

9. MAJOR BIBLIOGRAPHICAL REFERENCES

Hays, Helen Ashe, The Antietam and Its Bridges, New York, G. P. Putnam's Sons, 1910.
 Scharf, Thomas J., History of Western Maryland, Philadelphia: Louis H. Everts, 1882.
 Washington County Museum of Fine Arts, exhibition catalog, "Bridges: Our Legacy in Stone," Hagerstown, Md., August-September, 1965.
 Williams, T. J. C., History of Washington County, Hagerstown, Md.: Mail Publishing Co., 1906.

10. GEOGRAPHICAL DATA

LATITUDE AND LONGITUDE COORDINATES DEFINING A RECTANGLE LOCATING THE PROPERTY			O R	LATITUDE AND LONGITUDE COORDINATES DEFINING THE CENTER POINT OF A PROPERTY OF LESS THAN TEN ACRES		
CORNER	LATITUDE	LONGITUDE		LATITUDE	LONGITUDE	
	Degrees Minutes Seconds	Degrees Minutes Seconds		Degrees Minutes Seconds	Degrees Minutes Seconds	
NW	° ' "	° ' "		° ' "	° ' "	
NE	° ' "	° ' "		° ' "	° ' "	
SE	° ' "	° ' "		° ' "	° ' "	
SW	° ' "	° ' "		° ' "	° ' "	

APPROXIMATE ACREAGE OF NOMINATED PROPERTY:

Acreage Justification:

SEE INSTRUCTIONS

11. FORM PREPARED BY

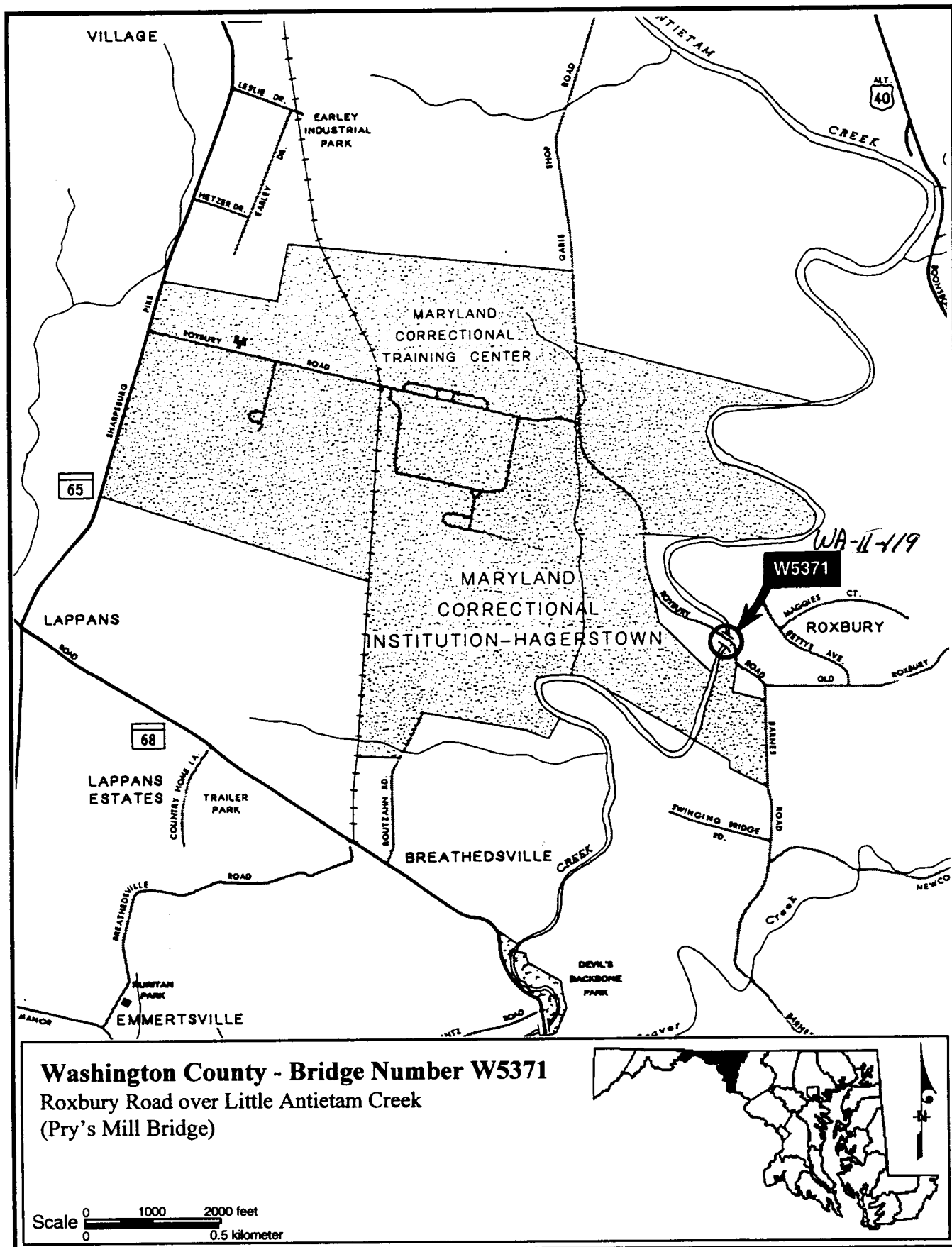
NAME AND TITLE: Paula Stoner Dickey, Consultant		DATE April, 1975
ORGANIZATION Washington County Historical Sites Survey		
STREET AND NUMBER: Court House Annex		
CITY OR TOWN: Hagerstown	STATE Maryland	

12. State Liaison Officer Review: (Office Use Only)

Significance of this property is:

National ☐ State ☐ Local ☐

Signature _____



WA-II-134
Stone Ruins

Roxbury Road

Antietam Creek

WA-II-134
Mill Ruins

Bridge W5371



NOT TO SCALE

IV-362

WA-II-119

5463 II
(WILLIAMS)

Hand shown All
Quadrangle

32°30'

4380

4379

4378

611-II-8M





WA-II-119

Roxbury Mill Bridge (WS371)

Washington County, Maryland

Julie Abell

11/94

Maryland State Highway Administration

South elevation

1 of 9



WA-II-119

Roxbury Mill Bridge (WS371)
Washington County, Maryland
Julie Abell

11/94

Maryland State Highway Administration
North elevation

2 of 9



WF-II-119

Roxbury Mill Bridge (W5371)

Washington County, Maryland

Julie Abell

11/94

Maryland State Highway Administration

Approach looking west

3 of 9



WA-II-119

Roxbury Mill Bridge (W5371)

Washington County, Maryland

Julie Abell

11/94

Maryland State Highway Administration

Approach looking east

5 of 9



WA II-119

Foxburg Mill Bridge (W5371)

Washington County, Maryland

Julie Abell

11/94

Maryland State Highway Administration

Structure remains (WA-II-134) to

northwest of bridge

6 of 9



WA-II-119

Roxbury Mill Bridge (W5371)
Washington County, Maryland

Julie Abell

11/94

Maryland State Highway
Administration
Approach looking east
4 of 9



WA-II-119

Roxbury Mill Bridge (W5371)
Washington County, Maryland
Julie Abell

11/94

Maryland State Highway
Administration

Structure remains (WA-II-134)
to southwest of bridge
7 of 9



WA-II-119

Roxbury Mill Bridge (W5371)

Washington County, Maryland

Julie Abell

11/94

Maryland State Highway Administration

Structure remains (WA-II-134) to

Southwest of bridge

8 of 9



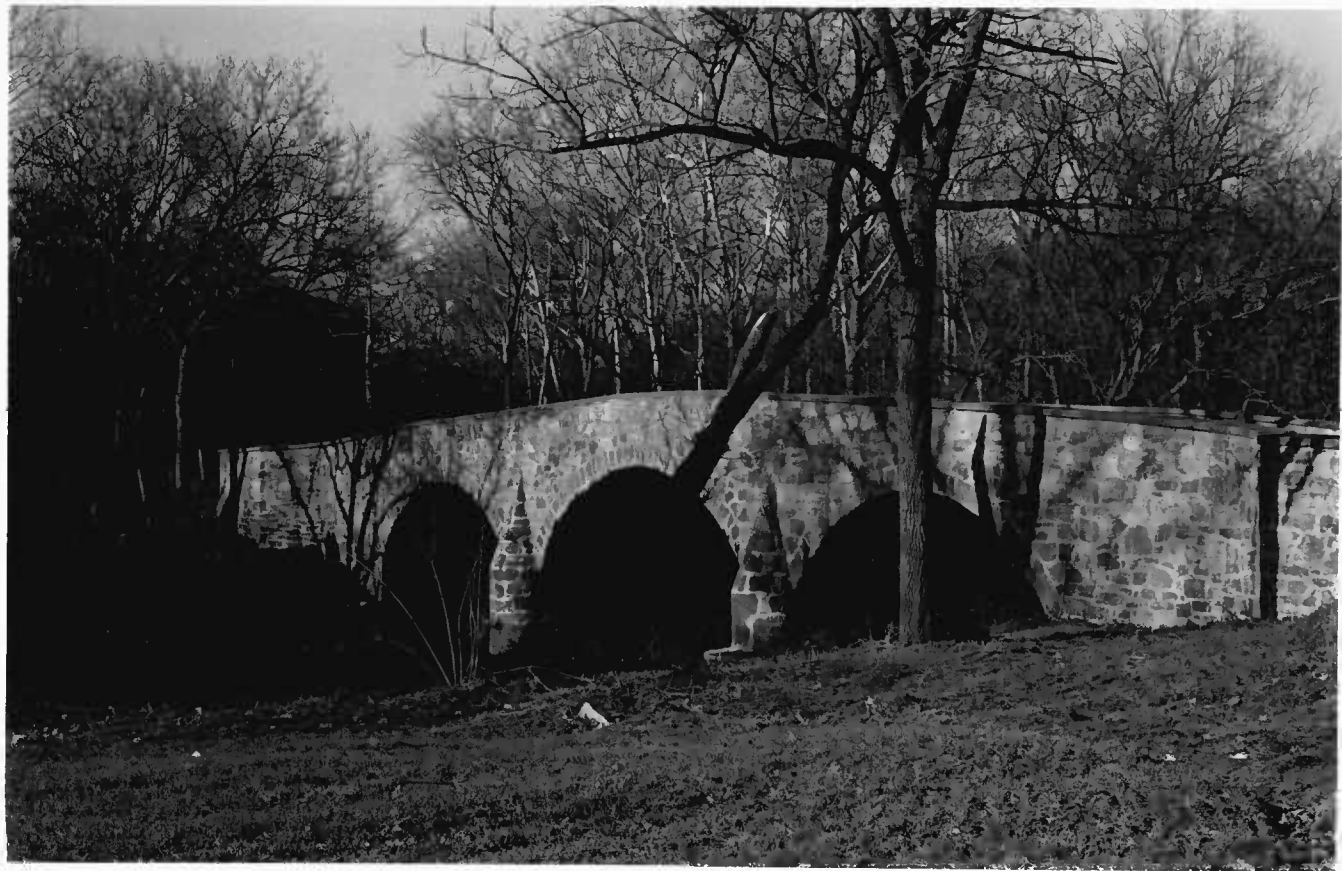
WA-II-119

Roxbury Mill Bridge (W5371)
Washington County, Maryland
Julie Abell

11/94

Maryland State Highway Administration
Structure remains (WA-II-134) to
southwest of bridge

9 of 9



UP 5 119

8
75 11

PAULA STONER DICKEY
CONSULTANT, WASHINGTON CO.
HISTORICAL SITES SURVEY



WA-II-119

South view

March, 1975

PAULA STONER DICKEY
CONSULTANT, WASHINGTON CO.
HISTORICAL SITES SURVEY